PTO/SB/21 (6-99) g plus sign (+) inside this box ∏ Approved for use through 09/30/2000. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/992,643 **Application Number TRANSMITTAL** November 14, 2001 Filing Date **David Botstein FORM** First Named Inventor 1646 (to be used for all correspondence after initial filing) Group/Art Unit Elizabeth Kemmerer **Examiner Name** Total Number of Pages in This Submission 39780-2730 P1C13 Attorney Docket Number ... 45 (not including Evidence Appendix pages) ENCLOSURES (check all that apply) After Allowance Communication to Copy of an Assignment Fee Transmittal Form Appeal Communication to Board of Drawing(s) Fee Attached Appeals and Interferences **Appeal Communication to Group** Licensing-related Papers Response (Appeal Notice, Brief, Reply Brief) Petition Routing Slip (PTO/SB/69) After Final Proprietary Information and Accompanying Petition Version With Markings Showing Petition to Convert to a Status Letter Changes Provisional Application Power of Attorney, by Assignee to Declaration ADDITIONAL ENCLOSURE(S) Exclusion of Inventor Under 37 C.F.R. (PLEASE IDENTIFY BELOW): §3.71 With Revocation of Prior Powers Extension of Time Request – 2 months **EVIDENCE APPENDIX ITEMS 1-155**; Terminal Disclaimer AND RETURN POSTCARD Information Disclosure Statement Small Entity Statement Certified Copy of Priority Document(s) Request for Refund Response to Missing Parts/ Incomplete Application Remarks Response to Missing AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 FOR ANY FEES DUE IN Parts under 37 CFR CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. 39780-2730 1.52 or 1.53 P1C13. Copy of Notice SIGNATURE OF APPLICANT, ATTORNEY OR AGENT GINGER R. DREGER (REG. NO. 33,055) **HELLER EHRMAN LLP** Firm or 275 Middlefjeld Road, Menlo Park, California 94025 Telephone: (650) 324-7000 Facsimile: (650) 324-0638 Individual name Signature 35489 **Customer Number:** Date **JULY 13, 2007** CERTIFICATE OF EXPRESS MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: MAIL STOP APPEAL BRIEF - PATENTS, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on this date: JULY 13, 2007 Express Mail Label EV 582 638 878 US L. LAZO Typed or printed name

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Date

JULY 13, 2007

Signature

COMPLNED DEE TO A NOMITTAL									Complete if Known					
for FY 2007 13 Effect 12/08/2004. Patent fees are subject to annual revision.									Application Number 09/992,643					
									Filing Date November 14, 2001			r 14, 2001		
									First Named Inventor David Botstein					
PTO/SB/17 (12.37) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), & (i))									Examiner Name Elizabeth Kemmerer					
Appendix claims small entity status. See 37 CFR 1.27									Art Unit 1646					
TOTAL AMOUNT OF PAYMENT (\$) 950.00									Attorney Docket No. 39780-2730 P1C14					
METHOD OF PAYMENT (check one)									FEE CALCULATION (continued)					
		1		T		Other	None	4. PETI	TION FE	ES UN	DER 37 CFR 1.17	(f)	Fee Paid	
☐ Check ☐ Deposit	Check Credit card Money Order Other None Deposit Account							Fee Code: 1462 Fee \$ 400 For petitions filed under: § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)						
Deposit Account Number: [08-1641 39780-2730 P1C13]									5. PETITION FEES UNDER 37 CFR 1.17 (g)					
Deposit Account Name: Heller Ehrman LLP									Fee Code: 1463					
The Commissioner is authorized to: (check all that apply)									6. PETITION FEES UNDER 37 CFR 1.17 (h)					
☑ Charge fee(s) indicated below									Fee Code: 1464 Fee \$ 130 For petitions filed under: § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314					
☐ Credit any overpayments and charge any deficiencies									7. PROCESSING FEES UNDER 37 CFR 1.17 (i) Fee					
☐ Charge any additional fee(s) during the pendency of this application ☐ Charge fee(s) indicated below, except for the filing fee to the deposit account								Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81						
FEE CALCULATION									ER FEES					
1. BASIC	FILING,	SEARCH	I, AND EX	AMINATI	ON FEES			Entity Fee (\$)	Entity Fee (\$)		Fee Des	cription	Fee Paid	
FILING FEES			SEARC	H FEES		NATION EES		130	65	Surcharge - late filing fee or oath				
Applicati on Type	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)	50	25	Surcha	Surcharge - late provisional filing fee or cover sheet			
								130	130	Non-E	nglish specification			
Utility	300	150	500	250	200	100		2,520	2,520	For filing a request for ex parte reexamination				
Design	200	100	100	50	135	65		920*	920*	Requesting publication of SIR prior to Examiner action				
Plant	200	100	300	150	160	80		1,840*	1,840*	Requesting publication of SIR after Examiner action				
Reissue	300	150	500	250	600	300		120	60	Extension for reply within first month			<u></u>	
Provisional	200	100	0	0	0	0		450	225	Extensi	on for reply within se	cond month	450.00	
SUBTOTAL (1) \$									510	Extension for reply within third month				
2. EXTRA CLAIM FEES									795	Extension for reply within fourth month				
Entity Fee						2,160	1,080	Extension for reply within fifth month						
(\$) Small Entity Fee (\$) 50 25			Each cla	Each claim in excess of 20 or, for Reissues, each claim					250	Filing a brief in support of an appeal			·500.00	
in excess of 20 and more than in the original patent 200 100 Each Independent claim in excess of 3 or, for Reissues,						790	395	Filing a submission after final rejection (37 CFR 1.129(a))						
each independent claim more than in the original patent 360 180 Multiple dependent claim, if not already paid								1,510	1,510		n to institute a public	use proceeding		
. Fee from								500 .	250	Petition to revive - unavoidably abandoned application			J	
Extra Claims above Fee Paid Total -20** =							1,500	750	Petitio	n to revive - unintenti	onally abandoned application			
Claims L Independe		-3**=		+===	╣- -			50	50	Proces	sing fee for provision	al appls (37 CFR 1.17(q))		
nt Claims L	number previously paid, if greater; For Reissues see helow						180	180	Submission of Information Disclosure Statement					
Multiple Dependent =								1,000	500	Request for oral hearing				
SUBTOTAL (2) S								790	395	For each additional invention to be examined (37 CFR 1.129(b))				
3. APPLICATION SIZE FEE								790	395	<u> </u>	st for Continued Exam		-	
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof (round up to the a								900	900					
whole number). See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s) Number of Small								Other fee (specify)						
Total Extra each additional Fee Entity							SUBTOTAL (4+5+6+7+8) \$ 950.00							
Sheets 50 (\$) Fee (\$) -100 = /50 = x 250 OR x 125							* Reduced by Basic Filing Fee Paid							
SUBTOTAL (3) \$									Complete (if applicable)					
SUBMITTED BY Name Ginger R. Dreger (Attorney/Agent)							33,055 Telephone (650) 324-7000							
(Print/Type)			Dreger (Attorney/Agent)					3, 2007			Customer N	<u> </u>		
Signature		1 11	1	- 11	_	Daie	July 1.	J, 400/			Custoffici IV	J. JJ 107		